



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the First Tuesday of each month.

PUBLIC SERVICE

Quintiles Wrightsville Beach Full & Half Marathon:
Mar. 16, 2014

PPD Beach 2 Battleship Triathlon: Oct. 25, 2014

Thank you to everyone who volunteered to help make the 2013 Ham Public Service season a banner year. Visit <http://www.rars.org/public-service.php> for more information about our 2014 ham public service schedule.
— John Snellen, AI4RT

RARS General Meeting

What: Ham Radio Logging, Then and Now

by Tom Lewis, N4TL

Date: Tuesday, January 14, 2014

Time: Meeting at 7:30 p.m.

Informal gathering and refreshments from 7-7:30

Where: Ridge Road Baptist Church, 2011 Ridge Rd., Raleigh

New Location & Day!!

Have an idea for a meeting? Email the RARS Vice President!



New Meeting Location and Date

By Karl Bowman, W4CHX, RARS President, 2010-2013

I am pleased to announce that effective January 2014, RARS will be meeting at a new location and on a “different Tuesday.”

New location: Our new meeting location will be Ridge Road Baptist Church, 2011 Ridge Road, Raleigh, NC 27607. The Church is located just north of the intersection of Ridge Road and Lake Boone Trail. We will be meeting in the Fellowship Hall from 7:00 to 9:00 p.m. (7-7:30, informal gathering & refreshments). RARS is very fortunate to be meeting in a very well-appointed facility with a great staff!



Second (2nd) Tuesday of each month: The RARS General Membership meeting will occur on the second (2nd) Tuesday of

See **New Location**, p. 3

Technician License Course Begins in January

By Murray Merner, K4MHM, RARS Education Director

When: A three session course will be conducted January 18, 25, and February 1, 2014.

Where: The course will be conducted in Raleigh(location, map and parking arrangements will be e-mailed to pre-registrants). There is handicapped access.

See **Technician**, p. 8

RARS Officers

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cjorr@bellsouth.net

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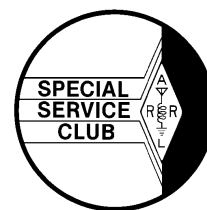


The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).



Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: **Second** Tuesday of each month

Location: **Ridge Road Baptist Church**

2011 Ridge Road
Raleigh, NC, 27607

Time: People begin arriving at 7 p.m.

The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the **first** Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

Message from the President

Happy New Year to all of you! Amateur Radio reminds me of how capillaries supply blood to individual cells...which in turn support the whole body. In times of personal emergency, amateur radio reaches out and touches individuals, putting us in contact with those in need of help or at least of good cheer.

So, do someone a favor and reach out! Say "hello" via a ragchew; share ideas! We want your news, glad or sad.

Reminder: 2014 means a new RARS Club meeting day..the **second** Tuesday of each month. See **you** there!

73,
CJ, NC4CJ

New Location, continued from p. 1

each month. It was not possible to make arrangements to meet on the "traditional" first Tuesday of the month at this facility. Again, the RARS General Membership Meeting will be held from 7:00 to 9:00 p.m.

What about the other Tuesday meetings?: Yes, there will be some changes. The RARS Dinner will be held on the first (1st) Tuesday of each month at the same location, i.e., the Golden Corral, 6129 Glenwood Ave, Raleigh, NC 27612 (about 1.5 miles west of Crabtree Valley Mall) beginning at 6:30 p.m. The RARS Board meeting will continue to meet on the third (3rd) Tuesday of each month at the Triangle Radio Reading Service, 211 East Six Forks Road, Suite 103, Raleigh, NC 27609. The RARS Board Meeting is held from 7:00 to 9:00 p.m.

I would like to thank CJ NC4CJ, Tom N4TL, Bob K4YXM, Greg KE4PAX, Chuck K4HF and Cliff W4FT (he suggested the new location!) for their efforts on behalf of RARS to find a new meeting location.

Field Day 2013 Results are In!

*By Karl Bowman, W4CHX
RARS President, 2010-2013*

Although QST published the results from ARRL Field Day 2013 several weeks ago, I wanted to take this opportunity to congratulate and thank everyone who participated during this year's event. RARS placed 5th overall in class 6A with 3,909 QSOs and a total of 10,948 points—great job!

Memorable moments for me from Field Day included listening to Johnnie WA9SZL describe the experience of assisting another ham with her first CW contact; and, watching other hams improve their operating skills in a pile-up or as a run-station.

In the antenna launcher contest, we had a tie between the two participants. Mike WA4BPJ won the distance contest; and Dick WW4NC won the accuracy contest—again, great job!

In closing, thanks to everyone for their efforts to support RARS, especially Bob W4TTX for organizing ARRL Field Day 2013; Mike WA4BPJ for handling operations during the event itself; and, to the Carrolls for the use of their farm. I am looking forward to ARRL Field Day 2014!

Events, Hamfests & Conventions

Winston-Salem Winter First-Fest | Jan. 11, 2014

Location: Winston-Salem, NC

Website: <http://www.w4nc.com/events.htm>

**2014 Charlotte Hamfest & NC Section
Convention | March 7, 2014**

Location: Concord, NC

Website: <http://www.charlottehamfest.org>

**2014 Raleigh Hamfest & ARRL Roanoke
Division Convention | Apr. 19, 2014**

Location: Raleigh, NC

Website: <http://www.rars.org/hamfest>

**North Carolina State Convention (Shelby
Hamfest) | Aug. 30, 2014**

Location: Shelby, NC

Website: <http://www.shelbyhamfest.org>

www.rars.org

New RARS Members

Stan Tisinger	KC4JH
William Janke	KE4VNC
Mary Woodward	KG4PFB
Woody Woodward	K3VSA

January Birthdays

Bob	N4GEB	01/01
Grady	AJ4YA	01/01
Howard	KI4GNB	01/03
Barry	KK4NUN	01/03
Jesse	AF4JB	01/03
Chuck	K4HF	01/04
Jerry	KE4TTS	01/04
John	WB4DDK	01/04
John	N1GMV	01/08
John	N4YRD	01/08
Beth	KF4QMR	01/09
Jim	N4CAE	01/09
Paul	KE4TMN	01/10
Jim	KI4NQU	01/11
Bill	KI4BKF	01/15
William	KE4VNC	01/16
Wil	KK4MOZ	01/17
Johnnie	WA9SZL	01/19
Marc	W4MPS	01/19
Deb	KI4VVE	01/22
Jim	KJ4BYN	01/22
Ken	AC4RD	01/23
Kirk	KK4JDD	01/23
Dale	WA4JCK	01/26
Cyndi	KD4ACW	01/30
Alan	AB4OZ	01/30
Tom	K2UCU	01/31

November Traffic Stats

**RARS Two Meter Traffic/
Ragchew Net**

Check-ins: 460

Traffic: 32/37

Minutes: 480

Sessions: 25

**Special Interest
Nets**

Check-ins: 160

Minutes: 340

Sessions: 9

*By John Snellen, AI4RT
Special Events Coordinator*

The fifth annual Makin' Room for Turkey Ride was held on Saturday, November 24, 2013, in Durham, Morrisville, and surrounding areas. The Ride consisted of two courses--20 and 50 mile routes for the cyclists. Proceeds of the ride were donated to the National MS Society and the Raleigh Rescue Mission. About 250 cyclists participated during this very cold day. Temperatures were in the 20's at the start of the event and warmed to a sweltering 40 degrees by afternoon.

Twelve hardy hams endured the cold weather to provide communications, rest stop monitoring and SAGs for the event. Two of the SAGs were accompanied by Medical Technicians from the Rex Hospital Team. All the ham volunteers were well-briefed on the symptoms of hypothermia and fortunately we had no cold related problems. The cyclists were well-prepared for the cold, dressing in many layers. Those participants who felt the cold conditions impeding their abilities stopped riding before they were forced to stop...a wise move.

The ham volunteers were: Wade Gutreuter, KK4BVR; Dan Sears, KD4AGQ; Marisa Sears, KJ4TAL; Larry Holt, KG4FIQ; John Snellen, AI4RT; Mike Eckardt, KK4ETS; Brian Young, KA9QJT; Wally Smith, KJ4UKV; John Stone, K3RHJ; Kenny Grabarczyk, KK4HAO; Kenn Kubacki, KK4OSI; Dave Tuttle, NC4DT.



Makin' Room for Turkey Ride



*Hey Brian.... you warm enough in your SAG?
Brian Young, KA9QJT, and John Snellen, AI4RT.*



Here's how to stay warm on a bicycle, right, and on a Motorcycle Support Vehicle, below.



Who said it was cold?! Kenn Kubacki KK4OSI, John Stone K3RHJ, and John Snellen AI4RT...all agree.

The 2014 NC QSO Party is Almost Here!

*By Marty Young, W4MY
NCQP Committee Chairman*

There is exciting news to report about the 2014 running of the North Carolina QSO Party. We have listened to your feedback! Visit the new website at www.ncqsoparty.org and check things out.

So here we go! The upcoming event will take place on Sunday, February 23, 2014. It's again one day from 10:00 a.m. until 8 p.m. local time here in North Carolina.

New Lone Ranger Category

The first change you will notice is the addition of the mobile "Lone Ranger" category. There are now two mobile categories. One is the same as last year. Someone drives you around as you operate.

But a lot of guys are by themselves and just can't (nor should they) drive and contest at the same time. This is a distinct disadvantage when competing with mobiles that have drivers, so now they're separate. We want to see more mobiles participate, they are extremely important, and this is a way we feel can bring them out.

Mixed Mode

While on the subject of mobiles, you'll notice the Mobile/SSB is no longer listed. All mobiles are mixed mode now. In the three years this category has been around, there was just not the interest in it. So that's the reason we dropped it. The Club SSB/Phone only category is still here, as this is extremely popular amongst the contenders.

New Awards

You'll notice a couple of new awards. There's a new "Worked most NC Counties" for a total of two of these. One award for Out of State competitors and one for In State. There is a tremendous geographical advantage for In State ops to win this, and most previous winners have been In State.

We thought, at first, to exempt In State ops from winning this award and making it only available to Out of State ops. But, we felt that would take a popular thing away. In the end, we just made two.

Additional awards added are for the DX and Canadian stations participating. We felt they make a serious contribution to our event, and we want to encourage them even more.

So we are happy to expand our awards out to them.

The next, most significant, award is the Emcomm Challenge Award. Dwayne, N4MIO, was tasked with getting all 100 NC counties on the air for 2014. He devised a way to get the ARES EC's and SEC's involved in lighting up their respective area.

Now's a chance for you emergency operator types to team up with your ARES group, activate all the counties in your area, and have some fun in the QSO Party.

It would be a good time to break out your Go-Bag and get some stick time in on your emergency radio equipment. You participate in NCQP just like everyone else, but with the coordination of your local SEC/EC you can help earn your section an award for total points among your group.

The object here is first to have fun, and second, practice your radio technique in the contest, and third to light up your ARES Area.

Groups should pre-register before the contest to emcomm@ncqsoparty.org. You will be hearing more from Dwayne about this as the time grows nearer.

See **NCQP**, p. 7

Digital Comms

I'm happy to announce that Digital communication is now part of NCQP. The most consistent question I received in my visits to clubs around the state is, "Why isn't digital allowed?" And, to tell you the truth, I didn't have a good answer. So, by popular demand, digital mode is now in the mix. You can do a 100% digital effort, or just combine it in your mixed mode operation.

Bottom line digital ops, make me proud! I'm the one that pushed to get it with the committee, hopefully the folks that were so vocal in wanting it will get on the air and submit their log!

W4DW bonus will be active on digital, I don't know about the USS NC Battleship. Digital QSO's are worth 3 points each.

Bonus Counties

We have new bonus counties this year. Cherokee and Dare have been well represented of late, so we thought that it might be fun to put two different rare ones out there. Transylvania in the west had 0 QSO's made from there last year.

In the east, Hyde also had 0. So we thought it was a slam dunk those two should be the bonus counties this year. Just like Cherokee and Dare, work one of these for 50, both for 150 points added to your score. I know that Marc, W4MPS, our awards manager, will be

activating station NC4QP in the "Luxurious Expedition" category and will be QRV on all modes, including digital. (Don't tell Marc there's no such category, but he's not allowed to compete anyway, we'll just let him think that! HI!)

New Website

Andy has done a good job on the new website and has also clarified what is required in your electronic log (Cabrillo) header so that it is handled properly on our end. There were some issues last year with a log or two requiring us to contact the submitter for a clarification. We're now requiring your e-mail address.

Also, if you are a club who is submitting your log for that category, please be sure to list the calls of all your participants in the proper field as well. This helps us a lot!

Shhh...it's a secret!

For those that submit their log electronically there is a special surprise. I wasn't supposed to give it away, but what the heck? When you go on line and submit your log electronically on the website (<http://rars.org/ncqsoparty/index.php?id=logs>) you will receive a message back that you have successfully submitted your log. In that message will be a link for you to get a special limited edition "NCQP 2014" coffee mug prize (well, you actually have

to buy it HI) if you want one. This will only be available to those that submit a log. I don't know the cost at this moment, but we are trying to make it more than reasonable and well worth it. It will have great artwork and once the contest is over and the log deadline passes, there will be no more. It will be a great memento to your effort. (If you send in a paper log and want a mug, make a note on your log that you want one and include your email address. The person manually handling your log will email the link to you.)

Remember the Deadline

And speaking of deadlines, you have to get everything in by March 10, 2014. We are making it earlier for a couple of reasons. One is that electronic logging is so easy now it only takes a few minutes and we don't really need to drag it out. The second thing is that we want to have everything in to be graded and awards made in time to present them in a ceremony planned at RARSFest on April 19, 2014.

RARS Fest Forum

Oh, and about RARSFest; NCQP has been given a time slot on the Forum Agenda for 2014. We plan to present awards to those that want to attend and receive their plaque in person. I'm sure there will be pictures too!

See NCQP, p. 8

In addition, we plan to have an open panel discussion with the public at large. All seven members of the NCQP committee will be there, and we will make ourselves available to listen to comments, answer questions, and entertain suggestions on how to make NCQP the best state QSO party ever!

We are all very excited and look forward to this very much. RARSFest is a great event in its own right. I hope all that are able will make it to the awards presentation and open discussion.

Make Some QSO's!

The only thing left now is for everyone to get out there and make some Q's on February 23rd! See you in the pileups!

Technician, continued from p. 1

Sessions: The sessions will begin at 8:00 a.m. and end around 12:30 p.m. The **First Session** is Orientation which will include registration and books and may be somewhat shorter. The **Second Session** will be the first five chapters of the manual and the **Third Session** will cover the remainder of the chapters. It is recommended that you bring a snack and something to drink.

Children/youth: We highly encourage the participation of children and youth especially as a means to acquaint them

Congratulations!

Karl Bowman Next ARRL NC Section Manager

Karl Bowman, W4CHX, of Raleigh, was the only nominee for the next term of office as ARRL North Carolina Section Manager (See Oct. *QST*, pg. 86, and Nov. *QST*, pg. 61). Current Section Manager Bill Morine, N2COP, of Wilmington decided not to seek a third two-year term to concentrate on his family's business.

Bill's present term expires April 1, but he may resign early because of upcoming business commitments for Karl to take over. Please welcome Dr. Karl Bowman, W4CHX, as the 17th North Carolina Section Manager.

Excerpt reprinted with permission from William C. Morine, N2COP, Section Manager, ARRL NC Section.

with science and technology (i.e., STEM). It is recommended that the child be at least 13 (7th grade). It is a struggle for children of younger ages, although we have seen them pass the test. Parents are encouraged to attend the sessions with their children.

Volunteer Instructor: Mike Murphy, WA4BPJ

Fee: The fee is \$30.00 including the required current manual (**The ARRL Ham Radio License Manual – Technician, 2nd Edition**). (This edition of the manual expires 30 Jun 2014.) A book order will be sent in approximately one week before the first session – we will not be ordering extra books. If you already have this manual the fee is \$10.00.

Examination: An optional examination is scheduled for

the afternoon of the third session. You are **not** required to take the test then and other examination sessions will be held periodically by RARS and other clubs in the area. There is a separate fee of \$14.00. Getting an (FCC Reg. No.) <https://fjallfoss.fcc.gov/coresWeb/publicHome.do>), before the exam is encouraged - this will be explained during orientation.

PLEASE:

1. E-mail me at mmmm0320 at gmail.com to pre-register; **include your phone number** and **if you need a current manual**.
2. Have **exact money** for the fees.
3. Bring pen and paper to the course for note taking.
4. You are probably on a contact list and if you are not planning to attend, do you still want to be on the contact list?

Minutes

General Membership Meeting *Raleigh Amateur Radio Society* *December 3, 2013*

1. **Call to order:** Karl W4CHX called the meeting to order at 7:31 p.m. There were 63 people in attendance. Karl reviewed the club's accomplishments over the last five years. He feels the future of the club is very good. He then asked that everyone extend the same help, assistance, and advice that he received from the membership over his tenure as President and Vice President to the new President.
2. **Approval of minutes:** The Minutes of the RARS General Membership meeting on November 5, 2013, were approved.
3. **Vice President's report (CJ NC4CJ):** CJ NC4CJ thanked Karl W4CHX for his contributions to RARS over the last five years. She focused particularly on his efforts to get the all the RARS repeaters operational.
4. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that RARS has 307 members. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
5. Sally Chapman was recognized as a visitor.
6. **Announcements (Karl W4CHX):**
 - a. Upcoming RARS events and hamfests: Karl W4CHX reminded everyone to see the Exciter or the ARRL website for further information.
 - b. Karl announced that we have not settled on a meeting place but are investigating several options. An announcement will be made in the next Exciter.
7. **Reports from RARS Board members and others:**
 - a. **Public Service:** Larry and Blanch Deen expressed their appreciation for RARS support in all the MSfits Bike rides stating that our help was essential. They presented RARS with a check as a token of their appreciation.
 - b. **Repeater:** Karl W4CHX expressed his appreciation for work done on the Bayleaf repeater building. Recognized were Alan AB4OZ, Clif W4FT, Bob K4YM, Joan AK4KJ, Gary KN4AQ, Bob NC1X, Sally Chapman, Chuck W3WZN and Danny Hampton.

- c. **Installation of New Officers for 2014 (Chuck K4HF):** Chuck K4HF presided over the installation of the new RARS officers for the coming year. The following individuals were installed:

RARS Officers for 2-year term:

President: C.J. Orr, NC4CJ
Vice President: Tom Lewis, N4TL
Secretary: Bob Chew K4YXM

RARS Officers for 1-year term: Tom Lewis, N4TL

RARS Board Members for 1-year term:

Public Service Director: John Snellen, AI4RT
Public Information Officer: OPEN
2014 Hamfest Chairs: Chuck Decourt, W3WZN
John Snellen, AI4RT
Exciter Editor: Cathy Downs, KA3QPU
Net Manager: Mary Holtschneider, KG4OQA
At-Large Director: Don Downs, WA4AVU
At-Large Director: Jack Foster, N6UYB
At-Large Director: Bill Mars, AK4BL
FM Repeater Chair: Karl Bowman, W4CHX
with Chuck Decourt, W3WZN
W4DW, W4RNC Trustee: Jeff Wittich, AC4ZO
ARRL Liaison: Chuck Littlewood, K4HF
Education Director: Murray Merner, K4MHM
RARS Web Master: Hank Montgomery, K4HM

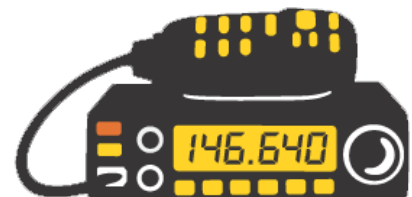
RARS Committee Chairs for 1-year term:

Food Service Chair: Joanne Mars, AK4RJ
NC QSO Party Chair: Marty Young, W4MY
2013 Field Day Chair: Dennis Keith, NC4DK
VE Team Coordinators: Liz White, KO4CK.
Joe White, WA4GIR

8. Karl W4CHX recognized CJ NC4CJ as the new presiding officer.

9. **Any other business:** None.

10. **Adjournment:** The meeting was adjourned at approximately 8:06 p.m.



No board meeting was held in December. The minutes for the November 2013 board meeting will be approved during the January 2014 board meeting and published in the February 2014 *Exciter*.

LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **Ham Public Service Net** meets every Wednesday at 7:30 p.m. and provides a forum and discussion platform for area clubs and individual hams to connect with and learn from other local hams who are interested in Ham Public Service. The HPSN is utilizing the Carolina 440 UHF Link System. The repeaters are also accessible through IRLP Reflector 9210, node 4270. The Ham Public Service North Carolina Yahoo Groups address is: www.groups.yahoo.com/group/hpsnc.

The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:00 p.m.

Join us every evening, except Saturdays, at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County AUXCOMM Training Net** meets Thursdays at 7:30 p.m. on the 146.88 repeater. This net provides amateur radio operators information and training related to emergency communications and for our served agencies, such as Wake County Emergency Management. Please join us. For more information please visit <http://wake.nc.auxcomm.us/>.



RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings at www.rars.org/classifieds.php. The items below were listed within the last 30 days.

Speaker and Computer Desk

Posted January 4th, 2014 by:

K4MHM

Contact: K4MHM@arri.net

Kenwood speaker, SP-520: \$30.00.

Computer desk 20" x 31", crescent shaped, sturdy metal frame, wheels.

Two levels – upper for monitor, lower for keyboard. Shelf on the bottom can hold desktop computer: \$20.00.

Murray in Raleigh, NC

ICOM IC-207H 2M/440 MHz Dual Band Mobile transceiver

Posted December 31st, 2013

by: K4HF

Contact: k4hf@arri.net

IC 207H 50 Watt mobile with mike, manual & box. Excellent Condition.

\$225. With Samlex SEC 1223 Base

Station P. Supply \$295. Contact me by E Mail, preferred, or (919) 872-6555.

Thanks, Chuck

ICOM IC 746PRO All Mode 160 thru 2 Meter Transceiver

Posted December 25th, 2013

by: K4HF

Contact: k4hf@arri.net

This 100 Watt base station transceiver has General Coverage Receive and comes with the orig. manual, mike and

power cord.

Excellent condition - \$850. A matching IC PS-125 Power Supply is also available. Contact me by E Mail, preferred, or (919) 872-6555. Thanks, Chuck

Equipment from estate of W4EHF

Posted December 19th, 2013 by:

W4YDY

Contact: w4dydave@suddenlink.net

- FT-270 R/E VHF FM Transceiver box manual 95.00

- MFJ-949E Deluxe versa Turner box manual 100.00

Note: Bill Finch, W4EHF, passed away in July at age 101. Equipment is in like new or excellent condition. Includes mikes and cables.

Kenwood TM-431A UHF Mobile - for parts or repair

Posted December 18th, 2013

by: K4NYA

Contact: kk4dhd@arri.net

Kenwood TM-431A UHF mobile transceiver with microphone. Works fine, except on receive. Doesn't hear anything unless the source is within a few miles.

\$25 for parts or repair.

Want to be Published?

Did you participate in a marathon or bike-a-thon? Do you like building ham radio equipment? Have you figured out a way to get an antenna up in a neighborhood with covenants and restrictions? How about sharing your interests, knowledge, and experience with other hams in the *Exciter*? We need both technical and non-technical articles for the *Exciter*. Short or long, we'll consider just about anything amateur radio-related.

To submit an article, just email your piece to the Editor (editor@rars.org). Please feel free to attach any appropriate pictures or graphics. Be sure to include caption information about the images and identify the people in photographs. And always obtain their permission to use their image.

We look forward to promoting our hobby and sharing information! Break out those pens, pencils, or keyboards and get writing!



RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 10 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

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